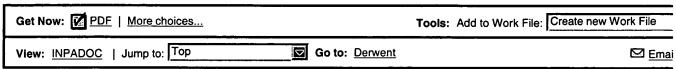


The Delphion Integrated View



♥Title: JP10102391A2: METHOD FOR REMOVING INK

PDerwent Title: De-inking - comprises removing printed ink peeled from raw used paper,

where the removal is carried out for a specific period, etc., having high

brightness, etc. [Derwent Record]

ଟି Country: JP Japan

% Kind: A (See also: <u>JP3124493B2</u>)

FInventor: IRINATSU YUUICHI;

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Published / Filed: 1998-04-21 / 1996-09-27

Papplication JP1996000256219

Number:

@IPC Code: D21C 5/02;

Priority Number: 1996-09-27 JP1996000256219

PROBLEM TO BE SOLVED: To provide a method for removing

ink capable of producing high quality ink-removed paper high in

whiteness and little in dullfeeling.

SOLUTION: In the ink removing method composed at least of a process for discharging the ink removed from waste paper raw material, the removal of ink is continued until a ratio of area where ink remains after a ink-removing process becomes $\leq 0.7\%$, and a ratio of the number of the ink particles having particle diameters of 0.4-2µm in the ink-removed paper to the total member of ink particles becomes $\leq 70\%$ and/or a fine ink-remaining area index calculated from the following equation becomes $\leq 0.25\%$. Fine ink-remaining area index = (ratio of number of particles having particle diameters of 0.4-2µm to the total)×(ink remaining area ratio)/100.

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POther Abstract

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